Vacman Interface Component

A **VACMAN interface component** has been developed which will allow immunization registry systems to interface with VACMAN. This component has been implemented in the Maine and New Hampshire immunization registry system, ImmPact. This component is now available to all other immunization projects.

This component is an Active -X DLL developed using Microsoft Visual Basic 5.0. The component name is VACMAN.DLL.

VACMAN.DLL can be used by any COM-compliant client to create, update, delete and read records in the VACMAN databases. VACMAN.DLL uses ODBC to access the VACMAN databases. The Microsoft ODBC FoxPro Driver (Microsoft Data Access Components version 1.5) is used for connecting to the VACMAN databases, which are maintained in FoxPro 2.6 for mat.

VACMAN.DLL contains functions to perform the following types of transactions:

Create/Update Depot Provider Order (vaccine shipped from immunization project depot)

Create/Update Manufacturer Provider Order (i.e. Varicella vaccine shipped by Merck)

Read Manufacturer Provider Order (read the shipping information, such as s hipment date and lot number shipped)

Create/Update Provider Inventory Adjustment ("other transactions" - vaccine spoiled, expired or transferred)

Create/Update Provider Profile

Update Provider Profile Shipping Data (update only the shipping -related fields in the provider profile)

Create/Update Doses Administered Data

Read Vaccine Referen ce Table

Read Inventory on Hand Table

Additional functions may be developed later, or as needed by other immunization registry systems. These may include functions for creating Provider Inventory records, Provider Enrollment Data records, and Provider Physician records in VACMAN.

A document titled "VACMAN Interface Component (VACMAN.DLL), Business Rules" describes all of the functions listed above, along with the required and optional parameters to each function and the business rules for each parameter. This document is in the form of a Microsoft Excel 97 spreadsheet and is available for download.

VACMAN Interface Component Business Rules (MS Excel file) can be found in *Rules.xls.*

An 8 -page Power Point presentation that gives an overview of interfacing VACMAN and registries is also available.

VACMAN -Registry Interface Power Point presentation is found in *VacRegInterface.ppt.*

In addition to the VACMAN.DLL component, a t est client has been developed for testing the VACMAN.DLL component. This test client is used for accessing the VACMAN databases using ODBC, and acts as a "substitute" for the production client (the i mmunization registry system). The test client consists of a menu with a list of screens that can be used for entering data to be passed to the VACMAN databases as well as for submitting requests for data to be returned from the VACMAN databases. The test client is written in Visual Basic 5.0.

For more information regarding the VACMAN interface component, call or send an email to Evan Willis, Co mputer Specialist, National Immunization Program at CDC. His phone number is (404) 639 -8229. His email address is eaw5@cdc.gov.